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FILE 'HOME' ENTERED AT 23:20:15 ON 25 MAY 2005

=> file uspatfull COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 23:21:05 ON 25 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 24 May 2005 (20050524/PD)
FILE LAST UPDATED: 24 May 2005 (20050524/ED)
HIGHEST GRANTED PATENT NUMBER: US6898801
HIGHEST APPLICATION PUBLICATION NUMBER: US2005108799
CA INDEXING IS CURRENT THROUGH 24 May 2005 (20050524/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 24 May 2005 (20050524/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2005
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>>> USPAT2 is now available. USPATFULL contains full text of the
                                                                      <<<
>>> original, i.e., the earliest published granted patents or
                                                                      <<<
>>> applications. USPAT2 contains full text of the latest US
                                                                      <<<
>>> publications, starting in 2001, for the inventions covered in
                                                                      <<<
>>> USPATFULL. A USPATFULL record contains not only the original
                                                                      <<<
>>> published document but also a list of any subsequent
                                                                      <<<
>>> publications. The publication number, patent kind code, and
                                                                      <<<
>>> publication date for all the US publications for an invention
                                                                      <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL
                                                                      <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.
>>> USPATFULL and USPAT2 can be accessed and searched together
                                                                      <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to
                                                                      <<<
>>> enter this cluster.
                                                                      <<<
>>>
                                                                      <<<
>>> Use USPATALL when searching terms such as patent assignees,
                                                                      <<<
>>> classifications, or claims, that may potentially change from
                                                                      <<<
>>> the earliest to the latest publication.
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This file contains CAS Registry Numbers for easy and accurate substance identification.

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COST IN U.S. DOLLARS
FULL ESTIMATED COST
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SINCE FILE TOTAL
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FILE 'USPATFULL' ENTERED AT 23:21:21 ON 25 MAY 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 23:21:21 ON 25 MAY 2005 CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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E1
                  STAGGL RONALD/IN
E2
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E.3
               STAGGS ALVIN D/IN
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E4
                 STAGGS ARNOL/IN
E5
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E6
            2
            7
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E8
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           2
                STAGGS DENNIS/IN
E9
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E12
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E13
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                   STAGGS HAVARD L/IN
E14
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E15
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             2
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E18
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                   STAGGS JIMMY L/IN
E19
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                   STAGGS JR SLONE/IN
E20
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                   STAGGS JR WILLIAM C/IN
E21
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                   STAGGS KEVIN P/IN
                   STAGGS LAURIE/IN
E22
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E23
                   STAGGS LINDA J/IN
             1
E24
             2
                   STAGGS MARK A/IN
=> s e15
             5 "STAGGS JEFF J"/IN
L1
=> d 1-5
     ANSWER 1 OF 5 USPATFULL on STN
T.1
           Full
          relevences
   Text
ΑN
       2005:68590 USPATFULL
       Treatment for bacterial infections and related disorders
ΤI
IN
       Staggs, Jeff J., Highlands Ranch, CO, UNITED STATES
                                20050317
PI
       US 2005058729
                          A1
ΑI
       US 2003-620794
                          A1
                                20030715 (10)
       Continuation-in-part of Ser. No. US 2000-571644, filed on 15 May 2000,
RLI
       GRANTED, Pat. No. US 6593371 Continuation-in-part of Ser. No. WO
       1993-US4763, filed on 19 May 1993, PENDING
DT
       Utility
FS
       APPLICATION
LN.CNT 742
INCL
       INCLM: 424/734.000
       INCLS: 424/760.000
NCL
       NCLM: 424/734.000
       NCLS:
              424/760.000
       [7]
IC
       ICM: A61K035-78
L1
     ANSWER 2 OF 5 USPATFULL on STN
          FUI
          Reference:
   Text
ΑN
       2003:190795 USPATFULL
TI
       Treatment for wart and related disorders
IN
       Staggs, Jeff J., 1285 E. Goldsmith Dr., Highlands Ranch, CO, United
       States 80126
       US 6593371
                           В1
                                20030715
PI
AI
       US 2000-571644
                                20000515 (9)
RLI
       Continuation-in-part of Ser. No. WO 1993-US4763, filed on 19 May 1993
DT
       Utility
FS
       GRANTED
LN.CNT 737
       INCLM: 514/627.000
INCL
       INCLS: 514/031.000
NCL
       NCLM:
             514/627.000
       NCLS: 514/031.000
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       ICM: A61K031-16
       ICS: A61K031-70
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1.1
     ANSWER 3 OF 5 USPATFULL on STN
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   Text
          References
AN
       2001:84556
                   USPATFULL
ΤI
       Container for producing cold foods and beverages
       Staggs, Jeff J., 7474 E. Arkansas Ave. #8-10, Denver, CO, United
IN
       States 80231
                           E1
                                20010612
PΙ
       US 37213
       US 5271244
                                19931221 (Original)
       US 1995-579091
                                19951221 (8)
ΑI
       US 1992-820480
                                19920114 (Original)
DT
       Reissue
       GRANTED
FS
LN.CNT 1962
INCL
       INCLM: 062/457.300
       INCLS: 062/530.000
              062/457.300
NCL
       NCLM:
       NCLS:
              062/530.000
IC
       [7]
       ICM: F25D003-06
       062/457.3; 062/457.4; 062/457.5; 062/529; 062/530; 062/389; 062/1
EXF
     ANSWER 4 OF 5 USPATFULL on STN
T.1
            ⊗(8)88
   Full
         Peterences
   Text
       2000:61198 USPATFULL
ΑN
ΤI
       Therapeutic uses of pungent botanicals and their related compounds
       Staggs, Jeff J., 7474 E. Arkansas Ave. #8-10, Denver, CO, United
IN
       States 80231
                                20000516
       US 6063381
PI
                   19931125
       WO 9323061
       US 1997-338489
                                19970318 (8)
ΑI
       WO 1993-US4763
                                19930519
                                19970318
                                          PCT 371 date
                                          PCT 102(e) date
                                19970318
DT
       Utility
       Granted
FS
LN.CNT 2066
INCL
       INCLM: 424/195.100
       INCLS: 514/627.000; 514/858.000
NCL
       NCLM:
              424/734.000
       NCLS:
              424/760.000; 514/627.000; 514/858.000
IC
       [7]
       ICM: A61K035-78
       ICS: A61K031-16
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     ANSWER 5 OF 5 USPATFULL on STN
            Full
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          Pelerences
ΑN
       93:106122 USPATFULL
ΤI
       Container for producing cold foods and beverages
       Staggs, Jeff J., 7474 E. Arkansas Ave. #8-10, Denver, CO, United
IN
       States 80231
ΡI
       US 5271244
                                19931221
       US 1992-820480
                                19920114 (7)
\underline{AI}
DT
       Utility
FS
       Granted
LN.CNT 1780
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INCL
       INCLM: 062/457.300
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NCL
       NCLM:
              062/457.300
       NCLS: 062/530.000
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       [5]
       ICM: F25D003-08
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=> s pepper
          8199 PEPPER
L2
=> s pepper/clm
           930 PEPPER/CLM
=> s (antibacter? or antimicrobi?)
         67727 (ANTIBACTER? OR ANTIMICROBI?)
=> s (antibacter? or antimicrobi?)/clm
         11319 (ANTIBACTER? OR ANTIMICROBI?)/CLM
=> s 12 and 14
           857 L2 AND L4
1.6
=> s 13 and 15
L7
            14 L3 AND L5
=> d 1-14
T.7
     ANSWER 1 OF 14 USPATFULL on STN
            31818/8
   Full
          Felerences
   Text
\overline{\mathsf{AN}}
       2005:68590 USPATFULL
ΤI
       Treatment for bacterial infections and related disorders
IN
       Staggs, Jeff J., Highlands Ranch, CO, UNITED STATES
ΡI
       US 2005058729
                          A1
                                20050317
ΑI
       US 2003-620794
                          A1
                                20030715 (10)
       Continuation-in-part of Ser. No. US 2000-571644, filed on 15 May 2000,
RLI
       GRANTED, Pat. No. US 6593371 Continuation-in-part of Ser. No. WO
       1993-US4763, filed on 19 May 1993, PENDING
DT
       Utility
       APPLICATION
FS
LN.CNT 742
INCL
       INCLM: 424/734.000
       INCLS: 424/760.000
NCL
       NCLM: 424/734.000
       NCLS: 424/760.000
TC
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       ICM: A61K035-78
L7
     ANSWER 2 OF 14
                     USPATFULL on STN
            Full
         Peterences
ΑN
       2005:62537 USPATFULL
ΤI
       Composition for promoting hair growth
IN
       Hwang, Seong-Lok, Chungcheongbuk-do, KOREA, REPUBLIC OF
       Yoon, In-Byeong, Chungcheongbuk-do, KOREA, REPUBLIC OF
       Lee, Min-Ho, Daejeon-city, KOREA, REPUBLIC OF
       Chang, Sug-Youn, Daejeon-city, KOREA, REPUBLIC OF
       Rang, Moon-Jeong, Daejeon-city, KOREA, REPUBLIC OF
```

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Ahn, Ho-Jeong, Daejeon-city, KOREA, REPUBLIC OF
       US 2005053572
                           A1
                                20050310
PΙ
<u>AI</u>
       US 2004-490842
                           A1
                                20041008 (10)
       WO 2001-KR1642
                                20010928
DT
       Utility
FS
       APPLICATION
LN.CNT 357
INCL
       INCLM: 424/074.000
       INCLS: 424/770.000; 424/778.000; 424/728.000; 514/458.000; 514/159.000
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NCL
       NCLM:
              424/770.000; 424/778.000; 424/728.000; 514/458.000; 514/159.000
       NCLS:
IC
       [7]
       ICM: A61K035-78
       ICS: A61K007-06; A61K031-355; A61K031-60
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 3 OF 14 USPATFULL on STN
L7
            (8) (4) (8)
   Full
   Text
          Kelevances
       2004:166197 USPATFULL
ΝA
       Non-obligate predator bacterium burkholderia casidae and uses thereof
ΤI
       Casida, Lester Earl, JR., State College, PA, UNITED STATES
IN
       Falkinham, Joseph Oliver, III, Blacksburg, VA, UNITED STATES
       Cain, Cody Christopher, Decatur, GA, UNITED STATES
PI
       US 2004127687
                           Α1
                                20040701
                                20040210 (10)
ΑI
       US 2004-776767
                           Α1
       Continuation of Ser. No. US 2001-985846, filed on 6 Nov 2001, GRANTED,
RLI
       Pat. No. US 6689357 Division of Ser. No. US 1998-63898, filed on 22 Apr
       1998, GRANTED, Pat. No. US 6319497
PRAI
       US 1997-44532P
                            19970423 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 2403
INCL
       INCLM: 530/350.000
NCL
       NCLM: 530/350.000
IC
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       ICS: C07K014-00; C07K017-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 4 OF 14 USPATFULL on STN
   Full
           References
   Text
ΑN
       2004:94305 USPATFULL
TΙ
       Inhalation antiviral patch
ΙN
       Rolf, David, Eden Prairie, MN, UNITED STATES
                                20040415
ΡI
       US 2004071757
                           A1
AI
       US 2003-458078
                           A1
                                20030610 (10)
       Continuation-in-part of Ser. No. <u>US 2002-300559</u>, filed on 20 Nov 2002,
RLI
       PENDING
       US 2001-333109P
                            20011120 (60)
PRAI
DT
       Utility
FS
       APPLICATION
LN.CNT 2987
       INCLM: 424/443.000
INCL
       INCLS: 424/778.000
NCL
       NCLM:
              424/443.000
       NCLS:
              424/778.000
IC
       [7]
       ICM: A61K035-78
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ICS: A61K009-70

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 14 USPATFULL on STN

Full states Text sateron es

AN 2003:306128 USPATFULL

TI Labiatae herb extract compositions readily dispersible in cold brine

IN Todd, Paul H., JR., Kalamazoo, MI, UNITED STATES Williams, P. Douglas, Kalamazoo, MI, UNITED STATES Reynhout, Gregory S., Kalamazoo, MI, UNITED STATES Walter, Polly A., Kalamazoo, MI, UNITED STATES

<u>PI</u> <u>US 2003215560</u> A1 20031120 <u>AI</u> <u>US 2003-409038</u> A1 20030408 (10) PRAI US 2002-370850P 20020408 (60)

DT Utility FS APPLICATION

LN.CNT 640

INCL INCLM: 426/650.000 INCLS: 426/655.000 NCL NCLM: 426/650.000 NCLS: 426/655.000

IC [7]

ICM: A23L001-221

L7 ANSWER 6 OF 14 USPATFULL on STN

Full 1970 Text Celerences

AN 2003:282377 USPATFULL

TI Process for improving the durability of, and/or stabilizing, microbially perishable products

IN Schur, Jorg Peter, Wegberg, GERMANY, FEDERAL REPUBLIC OF

<u>PI</u> <u>US 2003198718</u> A1 20031023 AI US 2003-357726 A1 20030204 (10)

RLI Continuation of Ser. No. <u>US 2000-620872</u>, filed on 21 Jul 2000, GRANTED, Pat. No. <u>US 6514551</u> Continuation-in-part of Ser. No. <u>US 1997-737655</u>, filed on 18 Feb 1997, ABANDONED A 371 of International Ser. No. WO

1996-EP1364, filed on 28 Mar 1996, UNKNOWN

PRAI DE 1995-19512147 19950331

DT Utility FS APPLICATION

LN.CNT 1552

INCL INCLM: 426/335.000 NCL NCLM: 426/335.000

IC [7]

ICM: A23K001-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 14 USPATFULL on STN

Full Clare Text Selections

AN 2003:237314 USPATFULL

TI Non-obligate predatory bacterium burkholderia casidae and uses thereof

IN Casida, Lester Earl, JR., State College, PA, UNITED STATES Falkinham, Joseph Oliver, III, Blacksburg, VA, UNITED STATES Cain, Cody Christopher, Decatur, GA, UNITED STATES

PA Virginia Tech Intellectual Properties, Inc. (U.S. corporation)

 PI
 US 2003165471
 A1 20030904

 US 6689357
 B2 20040210

 AI
 US 2001-985846
 A1 20011106 (9)

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RLI
       Division of Ser. No. US 1998-63898, filed on 22 Apr 1998, GRANTED, Pat.
       No. US 6319497
PRAI
       US 1997-44532P
                            19970423 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 2439
INCL
       INCLM: 424/093.400
       INCLS: 424/405.000
NCL
       NCLM:
              424/093.470
              424/093.400; 435/252.340; 435/874.000
       NCLS:
IC
       [7]
       ICM: A01N063-00
       ICS: A01N025-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ь7
     ANSWER 8 OF 14
                     USPATFULL on STN
            Full
          Keletente
   Text
ΑN
       2003:219386 USPATFULL
       Process for producing foods having good keeping qualities and food
TI
       keeping agents
IN
       Yajima, Mizuo, Tokyo, JAPAN
       Nozaki, Kazuhiko, Tokyo, JAPAN
       Muroya, Kenkou, Kagoshima, JAPAN
       Yoshinaga, Kazuhiro, Kagoshima-shi, JAPAN
       Fujisue, Mami, Kagoshima-shi, JAPAN
PI
       US 2003152676
                           A1
                                20030814
       US 6824801
                           B2
                                20041130
ΑI
       US 2002-182668
                           A1
                                20020731 (10)
       WO 2001-JP613
                                20010130
DT
       Utility
FS
       APPLICATION
LN.CNT 1827
INCL
       INCLM: 426/268.000
NCL
       NCLM: 426/326.000
       NCLS:
              426/321.000; 426/335.000
IC
       [7]
       ICM: A23L001-27
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 9 OF 14 USPATFULL on STN
           33 31 31 3 3 3 3
   Full
          Peterences
   Text
AN
       2002:174801
                   USPATFULL
ΤI
       Cosmetic skin treatment method and cleansing treatment patch
IN
       Gueret, Jean-Louis H., Paris, FRANCE
PA
       L'Oreal S.A., Paris, FRANCE (non-U.S. corporation)
ΡI
       US 6419935
                           В1
                                20020716
ΑI
       US 1999-363171
                                19990729 (9)
PRAI
       FR 1998-9794
                            19980730
       FR 1998-9795
                            19980730
       FR 1998-9880
                            19980731
DT
       Utility
FS
       GRANTED
LN.CNT 950
INCL
       INCLM: 424/401.000
       INCLS: 424/078.030; 424/448.000; 128/268.000
NCL
       NCLM:
              424/401.000
              424/078.030; 424/448.000; 424/449.000
       NCLS:
IC
       [7]
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ICM: A61K007-00 ICS: A61K007-48 EXF 424/401; 424/78.03; 424/448; 128/268 CAS INDEXING IS AVAILABLE FOR THIS PATENT. ь7 ANSWER 10 OF 14 USPATFULL on STN Full Text keletense 2002:164430 USPATFULL ΑN ΤI Sustained release pest control products and their applications Voris, Peter Van, Richland, WA, UNITED STATES IN Cataldo, Dominic A., Kennewick, WA, UNITED STATES Lipinsky, Edward J., Worthington, OH, UNITED STATES US 2002086044 A1 20020704 PI20011127 (9) US 2001-993611 AΙ A1 Continuation-in-part of Ser. No. US 1999-347704, filed on 3 Jul 1999, RLI GRANTED, Pat. No. US 6322803 DT Utility FS APPLICATION LN.CNT 1111 INCLM: 424/406.000 INCL NCLM: 424/406.000 NCL TC [7] ICM: A01N025-32 CAS INDEXING IS AVAILABLE FOR THIS PATENT. **L7** ANSWER 11 OF 14 USPATFULL on STN Full 191919 References ΑN 2001:158556 USPATFULL Nucleic acids encoding plant group 2 proteins and uses thereof ΤI Baden, Catherine S., Martinez, CA, United States IN Dunsmuir, Pamela, Piedmont, CA, United States Lee, Kathleen Y., Oakland, CA, United States DNA Plant Technology Corporation, Oakland, CA, United States (U.S. PA corporation) US 6291744 В1 20010918 ΡI US 1998-127646 19980731 (9) <u>AI</u> Continuation-in-part of Ser. No. US 1996-761549, filed on 6 Dec 1996, RLI now patented, Pat. No. US 5981727 Continuation-in-part of Ser. No. US 1994-289458, filed on 20 Aug 1994, now patented, Pat. No. <u>US 5608144</u> DT Utility FS GRANTED LN.CNT 2197 INCL INCLM: 800/301.000 INCLS: 800/278.000; 800/279.000; 800/287.000; 536/023.600; 435/320.100; 435/419.000; 435/468.000 NCL NCLM: 800/301.000 435/320.100; 435/419.000; 435/468.000; 536/023.600; 800/278.000; NCLS: 800/279.000; 800/287.000 IC [7] ICM: A01H005-00 ICS: C12N015-82 EXF 536/23.6; 800/278; 800/279; 800/298; 800/301; 800/287; 435/69.1; 435/320.1; 435/419; 435/468 CAS INDEXING IS AVAILABLE FOR THIS PATENT. ANSWER 12 OF 14 USPATFULL on STN L7

Full Citita Text References

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96:50644 USPATFULL
ΑN
ΤI
       Food composition containing antimicrobial plant distillate
IN
       Fukunaga, Toshikazu, Hyogo, Japan
       Shiraimatsu Shinyaku Kabushiki Kaisha, Minakuchi-cho, Japan (non-U.S.
PA
       corporation)
       Itochu Fine Chemical Corporation, Tokyo, Japan (non-U.S. corporation)
                                19960611
       US 5525340
ΡI
       US 1994-189143
                                19940131 (8)
ΑI
       JP 1993-39517
                           19930202
PRAI
DT
       Utility
FS
       Granted
LN.CNT 380
INCL
       INCLM: 424/195.100
       INCLS: 426/615.000; 514/783.000
              424/734.000
NCL
       NCLM:
              426/615.000; 514/783.000
       NCLS:
IC
       [6]
       ICM: A61K035-78
       424/195.1; 426/615; 514/783
EXF
L7
     ANSWER 13 OF 14 USPAT2 on STN
            Full
   Text
          Ne le regress
       2003:237314 USPAT2
ΑN
       Non-obligate predatory bacterium Burkholderia casidae and uses thereof
TI
       Casida, Jr., Lester Earl, State College, PA, United States
IN
       Falkinham, III, Joseph Oliver, Blacksburg, VA, United States
       Cain, Cody Christopher, Decatur, GA, United States
PA
       Virginia Tech Intellectual Properties, Inc., Blacksburg, VA, United
       States (U.S. corporation)
       The Penn State Research Foundation, University Park, PA, United States
       (U.S. corporation)
                                20040210
PI
       US 6689357
                          B2
       US 2001-985846
                                20011106 (9)
ΑI
       Division of Ser. No. <u>US 1998-63898</u>, filed on 22 Apr 1998, now patented,
RLI
       Pat. No. US 6319497
       US 1997-44532P
                            19970423 (60)
PRAI
DT
       Utility
       GRANTED
FS
LN.CNT 2233
       INCLM: 424/093.470
INCL
       INCLS: 424/093.400; 435/252.340; 435/874.000
NCL
       NCLM:
              424/093.470
              424/093.400; 435/252.340; 435/874.000
       NCLS:
IC
       [7]
       ICM: C12N001-20
EXF
       424/93.47; 424/93.4; 435/252.34; 435/874
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 14 OF 14 USPAT2 on STN
            Full
   Text
          References
       2003:219386 USPAT2
ΑN
TΙ
       Process for producing foods having good keeping qualities and food
       keeping agents
       Yajima, Mizuo, Tokyo, JAPAN
IN
       Nozaki, Kazuhiko, Tokyo, JAPAN
       Muroya, Kenkou, Kagoshima, JAPAN
       Yoshinaga, Kazuhiro, Kagoshima, JAPAN
       Fujisue, Mami, Kagoshima, JAPAN
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Nihon Starch Co., Ltd., Kagoshima, JAPAN (non-U.S. corporation)
PA
ΡI
       US 6824801
                           B2
                                20041130
       WO 2001056408 20010809
       US 2002-182668
                                20020731 (10)
<u>AI</u>
       WO 2001-JP613
                                20010130
                                20020731 PCT 371 date
       JP 2000-21259
                            20000131
PRAI
       JP 2000-21260
                            20000131
       JP 2000-21261
                            20000131
       JP 2000-21262
                            20000131
DT
       Utility
FS
       GRANTED
LN.CNT 1578
INCL
       INCLM: 426/326.000
       INCLS: 426/335.000; 426/321.000
              426/326.000
NCL
       NCLM:
              426/321.000; 426/335.000
       NCLS:
IC
       [7]
       ICM: A23L003-34
       426/262; 426/268; 426/310; 426/321; 426/326; 426/335
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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=> d an ti pi so kwic 12

'SO' IS NOT A VALID FORMAT

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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d an ti pi kwic 12 'D' IS NOT A VALID FORMAT

'12' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT): end

=> d an ti pi kwic 12

L7 ANSWER 12 OF 14 USPATFULL on STN



AN 96:50644 USPATFULL

TI Food composition containing antimicrobial plant distillate

PI US 5525340 19960611

CLM What is claimed is:

1. A method of preparing a food composition comprising combining food product with an **antimicrobial** distillate obtained by the dry distillation at a temperature of 130° to 220° C. and at a pressure of 10 to 50 mmHg of at least one plant selected from the group consisting of Sasa veitichii, Guninea **pepper**, sesame, parsley and rooibos tea.

=> d his

(FILE 'HOME' ENTERED AT 23:20:15 ON 25 MAY 2005)

FILE 'USPATFULL' ENTERED AT 23:21:05 ON 25 MAY 2005

FILE 'USPATFULL, USPAT2' ENTERED AT 23:21:21 ON 25 MAY 2005

E STAGGS/IN

L1 5 S E15

L2 8199 S PEPPER

L3 930 S PEPPER/CLM

L4 67727 S (ANTIBACTER? OR ANTIMICROBI?)

L5 11319 S (ANTIBACTER? OR ANTIMICROBI?)/CLM

L6 857 S L2 AND L4

L7 14 S L3 AND L5

=> file medline

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST 34.60 36.21

FILE 'MEDLINE' ENTERED AT 23:27:53 ON 25 MAY 2005

FILE LAST UPDATED: 25 MAY 2005 (20050525/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

The MEDLINE reload for 2005 is now available. For details enter HELP RLOAD at an arrow promt (=>). See also:

http://www.nlm.nih.gov/mesh/

http://www.nlm.nih.gov/pubs/techbull/nd04/nd04 mesh.html

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s pepper

L8 1362 PEPPER

=> s {antibacter? or antimicrobi?}

22773 ANTIBACTER?

42008 ANTIMICROBI?

L9 61538 (ANTIBACTER? OR ANTIMICROBI?)

=> s 18 and 19

L10 11 L8 AND L9

=> d 1-11

L10 ANSWER 1 OF 11 MEDLINE on STN



AN 2004446728 MEDLINE

DN PubMed ID: 15354321

TI Effect of red **pepper** Capsicum annuum var. conoides and garlic Allium sativum on plasma lipid levels and cecal microflora in mice fed beef tallow.

AU Kuda Takashi; Iwai Akiko; Yano Toshihiro

CS Department of Food Science, Ishikawa Agricultural College, Nonoichi,

Japan.. kuda@ishikawa-c.ac.jp Food and chemical toxicology: an international journal published for the SO British Industrial Biological Research Association, (2004 Oct) 42 (10) 1695-1700. Journal code: 8207483. ISSN: 0278-6915. CY 'England: United Kingdom DTJournal; Article; (JOURNAL ARTICLE) LΑ English FS Priority Journals 200409 EM Entered STN: 20040910 ED Last Updated on STN: 20040921 Entered Medline: 20040920 L10 ANSWER 2 OF 11 MEDLINE on STN Text References 2003380803 MEDITNE AN PubMed ID: 12916768 DN ΤI Isolation and in vitro and in vivo activity against Phytophthora capsici and Colletotrichum orbiculare of phenazine-1-carboxylic acid from Pseudomonas aeruginosa strain GC-B26. ΑU Lee Jung Yeop; Moon Surk Sik; Hwang Byung Kook Laboratory of Molecular Plant Pathology, College of Life and Environmental CS Sciences, Korea University, Seoul 136-701, Korea. Pest management science, (2003 Aug) 59 (8) 872-82. so Journal code: 100898744. ISSN: 1526-498X. United States CY Journal; Article; (JOURNAL ARTICLE) DTLA English Priority Journals FS 200401 EMEntered STN: 20030815 ED Last Updated on STN: 20040124 Entered Medline: 20040123 L10 ANSWER 3 OF 11 MEDLINE on STN **81818**31 Full References Text 2003256963 MEDLINE ΑN PubMed ID: 12781814 DN Antibacterial activity of Rosa damascena essential oil. ΤI ΑU Basim E; Basim H University of Suleyman Demirel, Faculty of Agriculture, Department of CS Plant Protection, Isparta, Turkey.. ebasim@yahoo.com Fitoterapia, (2003 Jun) 74 (4) 394-6. SO Journal code: 16930290R. ISSN: 0367-326X. CY Netherlands DT Journal; Article; (JOURNAL ARTICLE) LA English FS Priority Journals ΕM 200309 ED Entered STN: 20030604 Last Updated on STN: 20030909 Entered Medline: 20030908

L10 ANSWER 4 OF 11 MEDLINE on STN



AN 2003255132 MEDLINE

- DN PubMed ID: 12779121
- TI The sweet **pepper** ferredoxin-like protein (pflp) conferred resistance against soft rot disease in Oncidium orchid.
- AU Liau Chia-Hui; Lu Jian-Cheng; Prasad Venkatesh; Hsiao Hsin-hao; You Su-Juan; Lee Jent-turn; Yang Ning-Sun; Huang Hsiang-En; Feng Teng-Yung; Chen Wen-Huei; Chan Ming-Tsair
- CS Institute of BioAgricultural Sciences, Academia Sinica, Taiwan 11529, Republic of China.
- SO Transgenic research, (2003 Jun) 12 (3) 329-36. Journal code: 9209120. ISSN: 0962-8819.
- CY Netherlands
- DT Journal; Article; (JOURNAL ARTICLE)
- LA English
- FS Priority Journals
- EM 200402
- ED Entered STN: 20030604

Last Updated on STN: 20040221 Entered Medline: 20040220

L10 ANSWER 5 OF 11 MEDLINE on STN

Full Stiru Text References

- AN 2003224182 MEDLINE
- DN PubMed ID: 12745238
- TI Antibacterial activity of Capsicum extract against Salmonella typhimurium and Pseudomonas aeruginosa inoculated in raw beef meat.
- AU Careaga Monica; Fernandez Elizabeth; Dorantes Lidia; Mota Lydia; Jaramillo Maria Eugenia; Hernandez-Sanchez Humberto
- CS Departamento de Ingenieria Bioquimica, Alimentos, Escuela Nacional de Ciencias Biologicas, Instituto Politecnico Nacional, Carpio y Plan de Ayala, A.P. 42-186, Mexico 11340, D.F., Mexico.
- SO International journal of food microbiology, (2003 Jun 25) 83 (3) 331-5. Journal code: 8412849. ISSN: 0168-1605.
- CY Netherlands
- DT Journal; Article; (JOURNAL ARTICLE)
- LA English
- FS Priority Journals
- EM 200309
- ED Entered STN: 20030515

Last Updated on STN: 20030923 Entered Medline: 20030922

L10 ANSWER 6 OF 11 MEDLINE on STN

Full (1991) Text (1992)

- AN 2003159166 MEDLINE
- DN PubMed ID: 12676678
- TI Isolation and antifungal and antioomycete activities of aerugine produced by Pseudomonas fluorescens strain MM-B16.
- AU Lee Jung Yeop; Moon Surk Sik; Hwang Byung Kook
- CS Laboratory of Molecular Plant Pathology, College of Life and Environmental Sciences, Korea University, Seoul 136-701, Korea.
- SO Applied and environmental microbiology, (2003 Apr) 69 (4) 2023-31. Journal code: 7605801. ISSN: 0099-2240.
- CY United States
- DT Journal; Article; (JOURNAL ARTICLE)
- LA English
- FS Priority Journals
- OS GENBANK-AY196702
- EM 200306

ED Entered STN: 20030406

Last Updated on STN: 20030625 Entered Medline: 20030624

L10 ANSWER 7 OF 11 MEDLINE on STN



AN 2002680656 MEDLINE

DN PubMed ID: 12440950

TI The latex-fruit syndrome.

AU Wagner S; Breiteneder H

CS Department of Pathophysiology, University of Vienna, AKH-EBO 3Q, Waehringer Guertel 18-20, Austria. Stefan.Wagner@akh-wien.ac.at

SO Biochemical Society transactions, (2002 Nov) 30 (Pt 6) 935-40. Ref: 45 Journal code: 7506897. ISSN: 0300-5127.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)

(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 200306

ED Entered STN: 20021121

Last Updated on STN: 20030611 Entered Medline: 20030610

L10 ANSWER 8 OF 11 MEDLINE on STN



AN 2000413479 MEDLINE

DN PubMed ID: 10820108

TI Structure elucidation and antifungal activity of an anthracycline antibiotic, daunomycin, isolated from Actinomadura roseola.

AU Kim B S; Moon S S; Hwang B K

CS Department of Agricultural Biology, Korea University, Seoul 136-701, Korea.

SO Journal of agricultural and food chemistry, (2000 May) 48 (5) 1875-81. Journal code: 0374755. ISSN: 0021-8561.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200008

ED Entered STN: 20000907

Last Updated on STN: 20000907 Entered Medline: 20000828

L10 ANSWER 9 OF 11 MEDLINE on STN

Full Pelevenses Text Relevenses

AN 2000200815 MEDLINE

DN PubMed ID: 10736000

TI Antimicrobial agents from plants: antibacterial activity of plant volatile oils.

AU Dorman H J; Deans S G

CS Aromatic and Medicinal Plant Group, Scottish Agricultural College, Auchincruive, South Ayrshire, UK.

SO Journal of applied microbiology, (2000 Feb) 88 (2) 308-16. Journal code: 9706280. ISSN: 1364-5072.

CY ENGLAND: United Kingdom

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DT
     Journal; Article; (JOURNAL ARTICLE)
LА
     English
FS
     Priority Journals
EM
     200004
ED
     Entered STN: 20000505
     Last Updated on STN: 20000505
     Entered Medline: 20000427
L10 ANSWER 10 OF 11
                         MEDLINE on STN
            .≫[8]8
         References
   Text
     86055075
ΑN
                  MEDLINE
DN
     PubMed ID: 4064797
     Antibacterial properties of some spice plants before and after heat
TI
     treatment.
ΑU
     Chen H C; Chang M D; Chang T J
SO
     Zhonghua min guo wei sheng wu ji mian yi xue za zhi = Chinese journal of
     microbiology and immunology, (1985 Aug) 18 (3) 190-5.
     Journal code: 8008067. ISSN: 0253-2662.
     TAIWAN: Taiwan, Province of China
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
LА
     Chinese
     Priority Journals
FS
     198601
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     Entered STN: 19900321
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     Entered Medline: 19860108
L10 ANSWER 11 OF 11
                         MEDLINE on STN
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         References
   Text
     76227600
AΝ
                  MEDLINE
DN
     PubMed ID: 947107
     Antimicrobial substances in certain members of Solanaceae. IV. Detection
     of active principles in pepper plant.
     Saber M S
ΑU
     Zentralblatt fur Bakteriologie, Parasitenkunde, Infektionskrankheiten und
so
     Hygiene. Zweite naturwissenschaftliche Abt.: Allgemeine,
     landwirtschaftliche und technische Mikrobiologie, (1976) 131 (2) 110-2.
     Journal code: 0414371. ISSN: 0044-4057.
CY
     GERMANY, EAST: German Democratic Republic
DT
     Journal; Article; (JOURNAL ARTICLE)
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    English
FS
    Priority Journals
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Cellulitis

Printer-friendly l version



Contents of this page:

- Illustrations
- Alternative names
- Definition
- Causes, incidence, and risk factors
- Symptoms
- Signs and tests

- **Treatment**
- **Expectations (prognosis)**
- Complications
- Calling your health care provider
- Prevention

Illustrations



Cellulitis



Cellulitis on the arm

Alternative names Return to top

Skin infection - bacterial

Definition Return to top

Cellulitis is an acute inflammation of the connective tissue of the skin, caused by infection with staphylococcus, streptococcus or other bacteria (see also cellulitis - streptococcal).

Causes, incidence, and risk factors Return to top

The skin normally has many types of bacteria living on it, but intact skin is an effective barrier that keeps these bacteria from entering and growing within the body. When there is a break in the skin, however, bacteria can enter the body and grow there, causing infection and inflammation. The skin tissues in the infected area become red, hot, irritated and painful.

Cellulitis is most common on the face and lower legs, although skin on other areas of the body may sometimes be involved.

Risk factors for cellulitis include:

- Insect bites and stings, animal bite, or human bite
- Injury or trauma with a break in the skin (skin wounds)
- History of peripheral vascular disease
- <u>Diabetes</u>-related or ischemic <u>ulcers</u>
- · Recent cardiovascular, pulmonary (lung), dental or other procedures
- · Use of immunosuppressive or corticosteroid medications

Symptoms Return to top

- . Localized skin redness or inflammation that increases in size as the infection spreads
- Tight, glossy, "stretched" appearance of the skin
- · Pain or tenderness of the area
- Skin lesion or rash (macule):
 - o Sudden onset
 - o Usually with sharp borders
 - o Rapid growth within the first 24 hours
- · Warmth over the area of redness
- Fever
- Other signs of infection:
 - o Chills, shaking
 - o Warm skin, sweating
 - o Fatique
 - o Muscle aches, pains (myalgias)
 - o General ill feeling (malaise)

Additional symptoms that may be associated with this disease:

- Nausea and vomiting
- Joint stiffness caused by swelling of the tissue over the joint
- Hair loss at the site of infection

Signs and tests Return to top

During a physical examination, the doctor may find localized swelling. Occasionally, <u>swollen glands</u> (lymph nodes) can be detected near the cellulitis.

Tests that may be used:

- A CBC may show an elevated white blood cell count, and indicates a bacterial infection.
- A blood culture may be performed if generalized infection is suspected.

Treatment Return to top

Cellulitis treatment may require hospitalization if it is severe enough to warrant intravenous antibiotics and close observation. At other times, treatment with oral antibiotics and close outpatient follow-up is enough. Treatment is focused on control of the infection and prevention of complications.

Antibiotics are given to control infection, and analgesics may be needed to control pain.

Elevate the infected area, usually higher than the heart, to minimize swelling. Apply warm, moist compresses to the site to fight infection by increasing blood supply to the tissues. Rest until symptoms improve.

Expectations (prognosis) Return to top

Cure is possible with 7 to 10 days of treatment. Cellulitis may be more severe in people with chronic diseases and people who are susceptible to infection (<u>immunosuppressed</u>).

Complications Return to top

- Tissue death (gangrene)
- Sepsis, generalized infection and shock
- Meningitis (if cellulitis is on the face)
- <u>Lymphangitis</u> (inflammation of the lymph vessels)

Calling your health care provider Return to top

Call your health care provider if symptoms indicate that cellulitis may be present.

Call your health care provider if you are being treated for cellulitis and new symptoms develop, such as persistent fever, drowsiness, <u>lethargy</u>, blistering over the cellulitis, or extension of the red streaks.

Prevention Return to top

Avoid skin damage by wearing appropriate protective equipment when participating in work or sports. Also, clean any breaks in the skin carefully and watch for redness, pain, drainage, or other signs of infection.

Finally, maintain good general health and control <u>chronic</u> medical conditions. A body that is healthy can more easily fight bacteria before they multiply and cause infection, while a body that is run down has less protection against infection.

Update Date: 7/2/2004

Updated by: Jonathan Kantor, M.D., Department of Dermatology, University of Pennsylvania Medical Center, Philadelphia, PA. Review provided by VenMed Healthcare Network.





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Skin Center



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- Get the Basics
- Explore Cosmetic Treatments
- Take Control

MORE ON THIS TOPIC

Ask a Specialist

Cellulitis: Is it contagious?

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More Information

Cellulitis

Causes

Cellulitis occurs when one or more types of bacteria enter through a crack or break in your skin. The two most common types of bacteria that cause cellulitis are streptococcus and staphylococcus.

Although cellulitis can occur anywhere on your body, the most common location is the legs, especially near your shins and ankles. Disrupted areas of skin, such as where you've had recent surgery, cuts, puncture wounds, an ulcer, athlete's foot or dermatitis, serve as the most likely areas for bacteria to enter.

Article sections:

- **Overview**
- Signs and symptoms
- Causes
- Risk factors
- When to seek medical <u>advice</u>
- Screening and diagnosis
- Complications
- **Treatment**
- **Prevention**

Certain types of insect or spider bites also can transmit the bacteria that start the infection. Areas of dry, flaky skin also can be an entry point for bacteria, as can swollen skin.

- From bacteria to parasites: Understanding the germs that cause infection
- Athlete's foot
- Dermatitis/Eczema
- Insect bites and stings
- Spider bites
- Cellulitis: Is it contagious?

< Previous section

A Back to top

Next section >

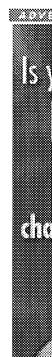
By Mayo Clinic staff March 15, 2004

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Skin Center



2: Educational grant provided by: Eucerin

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- Explore Cosmetic Treatments
- Take Control

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Slide show: How to check your feet for diabetes complications

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Athlete's foot

By Mayo Clinic staff

Overview

Athlete's foot is a common fungal infection that affects many people at some time in their lives. The condition easily spreads in public places such as communal showers, locker rooms and fitness centers.

Usually this condition affects the spaces between your toes, but it can spread to your toenails and the soles and sides of your feet. The infection can also involve your palms and fingers. Although it occurs primarily in adults, athlete's foot can affect children.

Article sections:

- <u>Overview</u>
- Signs and symptoms
- Causes
- Risk factors
- When to seek medical <u>advice</u>
- Screening and diagnosis
- <u>Complications</u>
- **Treatment**
- **Prevention**

Changing socks, keeping your feet dry and alternating shoes can help you prevent athlete's foot. Often, athlete's foot responds well to over-the-counter treatments you can apply to your skin. More severe cases may require oral medications.

IMAGE

Athlete's foot



Athlete's foot usually affects the spaces between your toes, but it can ...

< < ENLARGE

Fitness & Sports Medicine Center

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Next section >

November 30, 2004

DS00317

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